

Datasheet for ABIN391291

anti-HMGB2 antibody (AA 92-118)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	HMGB2
Binding Specificity:	AA 92-118
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HMGB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-118 amino acids from the Central region of human HMGB2.
Clone:	RB18228
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HMGB2
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Target Details

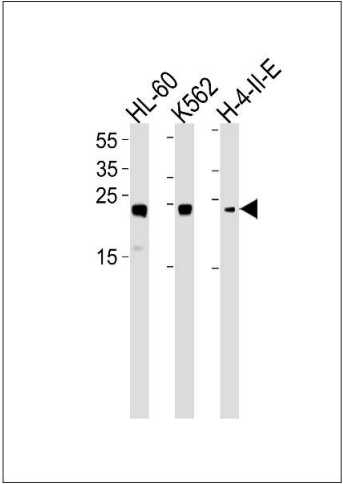
Alternative Name:	HMGB2 (HMGB2 Products)
Background:	HMGB2 is a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.
Molecular Weight:	24034
Gene ID:	3148
NCBI Accession:	NP_001124160 , NP_001124161 , NP_002120
UniProt:	P26583
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. HMGB2 Antibody (Center) (ABIN391291 and ABIN2841331) western blot analysis in HL-60,K562,H-4-II-E cell line lysates (35 µg/lane).This demonstrates the HMGB2 antibody detected the HMGB2 protein (arrow).